## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:

Mahajan et al.

Group Art Unit:

(not yet assigned)

Appl No.:

(to be assigned)

Examiner:

(not yet assigned)

Filed:

(filed concurrently herewith)

For:

POLY ADP-RIBOSE POLYMERASE GENE AND ITS USES

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

August 28, 2003

## INFORMATION DISCLOSURE STATEMENT CITATION UNDER 37 C.F.R. § 1.97

Attached is a list of documents on Form PTO-1449.

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Any foreign patents or non-patent literature documents items are attached, except those that were supplied in, or cited by the Office during prosecution of, parent Application No. 09/236,995 filed January 26, 1999. Since the benefit of this application was claimed under 35 U.S.C. 120, no copies need to be furnished in accordance with 37 C.F.R. 1.98(d); however, copies will be furnished on request.

Respectfully submitted.

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Date of Deposit: August 28, 2003

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Rebecca Kerney

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Substitute for form 1449/PTO Complete if Known (Revised 04/2003) Application Number (not yet assigned) Filing Date (filed concurrently herewith) INFORMATION DISCLOSURE First Named Inventor Mahajan et al. STATEMENT BY APPLICANT Group Art Unit (not yet assigned) **Examiner Name** (Use as many sheets as necessary) (not yet assigned) Sheet of Attorney Docket Number 035718/268745 OTHER DOCUMENTS English Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of Language the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Examiner Cite Translation number(s), publisher, city and/or country where published. Initials Attached AMOR, et al., "The Involvement of Poly(ADP-ribose) Polymerase in the 3 Oxidative Stress Responses in Plants," FEBS Letters, 1998, pp. 1-7, Vol. 440, Federation of European Biochemical Societies. BABIYCHUK, et al., "Zea mays mRNA for poly(ADP-ribose) Polymerase 4 321bp," EMBL ACCESSION NO. AJ222589, November 19, 1997. BABIYCHUK, et al., "Higher Plants Possess Two Structurally Different 5 poly(ADP-ribose) Polymerases," The Plant Journal, 1998, pp. 635-645, Vol. 15(5), Blackwell Science Ltd. BURTSCHER et al., "Isolation of ADP-Ribosyltransferase by Affinity 6 Chromatography," Analytical Biochemistry, 1986, pp. 285-290, Vol. 152, Academic Press, Inc. CHEN et al., "Poly(ADP-ribose) Polymerase in Plant Nuclei," Eur. J. Biochem., 7 1994, pp. 135-154, Vol. 224, England. GIROD et al., "Secondary Metabolism is Cultured Red Beet (Beta vulgaris L.) 8 Cells: Differential Regulation of Betaxanthin and Betacyanin Biosynthesis," Plant Cell Tissue Organ Cult, 1991, pp. 1-12, Vol. 25(1), Lab. Phytogenetique Cell., Lausanne, Switzerland. HELLER et al., "Inactivation of the Poly(ADP-ribose) Polymerase Gene Affects 9 Oxygen Radical and Nitric Oxide Toxicity in Islet Cells," The Journal of Biological Chemistry, 1995, pp. 11176-11180, Vol. 270(19), The American Society for Biochemistry and Molecular Biology, Inc. IKEJIMA et al., "The Zinc Fingers of Human Poly(ADP-ribose) Polymerase 10 Are Differentially Required for the Recognition of DNA Breaks and Nicks and the Consequent Enzyme Activation," The Journal of Biological Chemistry, 1990, pp. 21907-21913, Vol. 265(35), The American Society for Biochemistry and Molecular Biology, Inc. KOFLER et al., "Purification and Characterization of NAD+: ADP-11 Ribosyltransferase (Polymerizing) from Dictyostelium Discoideum," Biochem J., 1993, pp. 275-281, Vol. 293, Great Britain. KUPPER, et al., "Molecular Genetic Systems to Study the Role of Poly(ADP-12 ribosyl)ation in the Cellular Response to DNA Damage," Biochimie, 1995, pp. 450-455, Vol. 77, Elsevier. LEPINIEC, et al., "A. thaliana PARP mRNA for PARP Protein," EMBL 13 ACCESSION NO. Z48243, May 31, 1995. LEPINIEC et al., "Characterization of an Arabidopsis Thaliana cDNA 14 Homologue to Animal Poly(ADP-ribose) Polymerase," FEBS Letters, 1995, pp. 103-108, Vol. 364, Federation of European Biochemical Societies. Examiner Date

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